

MiRally Standard Regulations

All cars must have an Android or iOS device with GPS. It must be plugged in for the entire event so it can collect data. These devices will be running the MiRally Crono app which will time you at controls and do scoring.

Glossary

The following special terms and abbreviations will be used in rally documents. All other terms should be interpreted per common English usage.

Main Controls (MC) These are located at the start and at various points along the course. They are there to break up the rally and get you back on schedule. Present your timecard to the marshal. They will record any information you have entered on your timecard (delays and start times). They may also alter your card if there are any schedule changes.

Neutral Section - Identified by an **N** in the route instructions. These are used to specify the length of a break. The time given is the time to leave. You are free to leave a neutral section whenever you want. Example: **N 30min | 1:52:00.0**.

Timing Controls (PC) - Points where the MiRally system times you. These points may or may not be shown in the Roadbook. If they are, the instructions will contain a red stopwatch icon and contain a distance and interval time from the beginning of the rally. If you try to pass them at the right time you should get a good score.

Timing Section (TC) - Identified by an **S** in the route instructions and a speed to maintain. They are shown as a grayed out area in your route instructions. Begin the TC at the time indicated in the instruction and no sooner. Remember, the time is based on the number of minutes from the start of the rally. The start of a TC will always be at the top of a minute, Example: **S 36 MPH | 00:20:00.0**

Transit Section (link) - Identified by an **L** and the time to traverse it. Transits are used to move you from place to place. The time given is the time it takes to get to the end of the Transit Section. Example: **L 20min | 00:26:53.2**

Tulip - Little road diagrams. You enter from the dot and leave by the arrow.

MiRally System

This rally will employ the MiRally system. This allows us to put on a rally without getting an army of workers for controls and scoring. The output from the Crono app governs the process. The Crono takes a GeoFix every second, which is a Time, heading, and a Lat / Long. That data is sent to the Server about every 2 / 3 minutes or where mobile/wifi coverage is available. In the Server, the times are interpolated to every tenth of a second, and the related Lat / Longs. The enhanced GeoFix closest to the Organizer's CP Fix gives the time at that point to a tenth of a second. Your location (GPS) and time are captured by the Crono app and sent to the MiRally system for scoring.

Timecard

You will receive a time card. It has your schedule. It will contain your car number and the time you are to depart each control (MC or TC). It also provides a place to record any delays you encounter.

Official Time

Official time is indicated on the MiRally Crono app. TC instructions will include the interval time from the start of the rally in HH:MM:SS.tenths. If you start a stopwatch at the start of the rally at the specified time, you will have an easy reference to show if you are early or late.

Timing & Controls

The object of the rally is to be on time at all times during the timing sections (TC). This rally will use the MiRally worker-less control system. It reports your time when you reach each PC. We will confirm the app works before the rally starts at sign-in.

- PC may occur as often as every 0.2 miles.
- They will not occur so soon after a traffic control or other disturbance that you can't get back on schedule.
- Timed portions of the event are typically about 5 miles. Some shorter, a few longer.
- The start of each Timing Section is shown in the instructions as a TC. You may approach the TC start during the minute prior to your TC start time. Do not approach earlier. Do not block sign! Leave at the time on your scorecard. You may not leave early. If you do you may encounter a PC early. The first PC will be between 0.2 and 0.5 miles. Use the this distance to get "on time".

Crono app Assistance

<http://mirally.net/Home/help>

Timing Allowances (TAs)

TAs may be applied to the TC start time by recording your desired time out on your timecard. Should you encounter a delay during a TC record the mileage and the amount of time you wish to claim. You can only do this one time per TC.

You have a total of 30 minutes lateness for the entire rally as it's one continuous time. You must present your timecard at Main Controls if you want your score adjusted.

Roadbook

The Roadbook contains enough information to follow the course correctly and be on time.

If you are at a point on the course not covered by the instructions just follow the main road.

A pdf of the Roadbook will be emailed to each contestant a few weeks before the event. If you need a printed copy you should print one. If you can't print, we can print one for you but let us know so we know how many to print.

An RBK (an electronic version of the Roadbook used by the Rabbit Rally 2 app) file will be emailed at the same time. Please load this into the Rabbit Rally 2 app.

Rabbit Rally 2

We are promoting the use of the Rally Rabbit 2 app. The app will take care of time keeping, distance and show you the roadbook. It's free and available for both Android and iPhone.

Additional help will be provided during sign-in.

- Install Rally Rabbit on your smart phone (iOS or Android) per your device instructions.
- Open it to be sure it's working. You should drive around and familiarize yourself. There is a video <http://rabbitrally.com/en/2015/12/20/navegacion-con-rabbit/>

- The RBK file that provides the roadbook for the Rally Rabbit 2 app will be emailed to you. Open it and it should ask you what to do with it. Choose the Rabbit app.
- At the start of the rally you need to assign your start time. It can be found on your schedule (MC 1).
- Use the Rabbit Calibration feature to correct your odometer.
- That's it. Once you have the RBK file the app does everything for you. Follow the instructions. Red means you are ahead of time, green means you are late.

Scoring

Scoring will be based on your arrival time at the controls. Penalties will be assessed as follows:

1 - per 1/10 second early or late at a control.

6000 - The Maximum score at any control. (*Find out how to make this a lot less*)

Excess Speed or careless driving will result in a disqualification.

Miscellaneous

- You do not need to use the Rabbit app. You can use whatever you normally use to stay on time.
- The first part of the rally gives you a chance to compare your mileage to the official mileage and correct your odometer.

Power Sources

- Cigarette lighter.
- USB backup battery.
- Jump Starter. Most of these have USB ports and are just good to have in case of battery issues.